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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="padding: 2px;">Attorney Docket No.</td><td style="padding: 2px;">15087US02</td></tr><tr><td style="padding: 2px;">First Inventor</td><td style="padding: 2px;">Xuguang Yang</td></tr><tr><td style="padding: 2px;">Title</td><td style="padding: 2px;">ELECTRONIC DEVICE WITH AN UPDATE AGENT THAT EMPLOYS PREPROCESSING TECHNIQUES FOR UPDATE</td></tr><tr><td style="padding: 2px;">Express Mail Label No.</td><td style="padding: 2px;">EV 304938768 US</td></tr></table>	Attorney Docket No.	15087US02	First Inventor	Xuguang Yang	Title	ELECTRONIC DEVICE WITH AN UPDATE AGENT THAT EMPLOYS PREPROCESSING TECHNIQUES FOR UPDATE	Express Mail Label No.	EV 304938768 US																						
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<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450																														
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19704 U.S. PTO  
10/635991  
08/07/03

08/07/03

16711 U.S. PTO

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL  
for FY 2003**

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$516.00)

**Complete if Known**

Application Number	unassigned
Filing Date	herewith
First Named Inventor	Xuguang Yang
Examiner Name	unassigned
Group Art Unit	unassigned
Attorney Docket No.	15087US02

**METHOD OF PAYMENT**

- 1.
- ☐
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number  
Deposit  
Account  
Name

13-0017

McAndrews Held &amp; Malloy

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- 
- ☒
- Applicant claims small entity status.
- 
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

☒ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)

1001 750 2001 375 Utility filing Fee

1002 330 2002 165 Design filing Fee

1003 520 2003 260 Plant filing fee

1004 750 2004 375 Reissue filing fee

1005 160 2005 80 Provisional filing fee

Fee Paid

375.00

SUBTOTAL (1) (\$375.00)

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
31 - 20** =	11 x	9.00 =	99.00
Independent Claims 4 - 3** =	8 x	42.00 =	42.00
Multiple Dependent		280.00 =	0.00

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)

1202 18 2202 9 Claims in excess of 20

1201 84 2201 42 Independent claims in excess of 3

1203 280 2203 140 Multiple dependent claim, if not paid

1204 84 2204 42 \*\*Reissue independent claims over original patent

1205 18 2205 9 \*\*Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$141.00)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	610	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) _____					

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

**SUBMITTED BY**

Complete (if applicable)

Name (Print/Type)

Kevin E. Borg

Registration No.  
(Attorney or Agent)

51,486

Telephone

312-775-8000

Signature

Kevin E. Borg

Date

August 7, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.